

METHOD AND APPARATUS FOR TIMING RECOVERY IN AN OFDM SYSTEM

Abstract

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A method (500) for timing recovery in an orthogonal frequency division multiplexing (OFDM) system includes the steps of detecting (502) a lack of a synchronization symbol and determining (504) a timing offset from calculating the average group delay across the subcarriers over multiple OFDM symbols. The timing offset is fed back (506) to a demodulator and the symbol timing is adjusted (508) based on the Average Group Delay phasor fed back to the demodulator.

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